

FIG. 1

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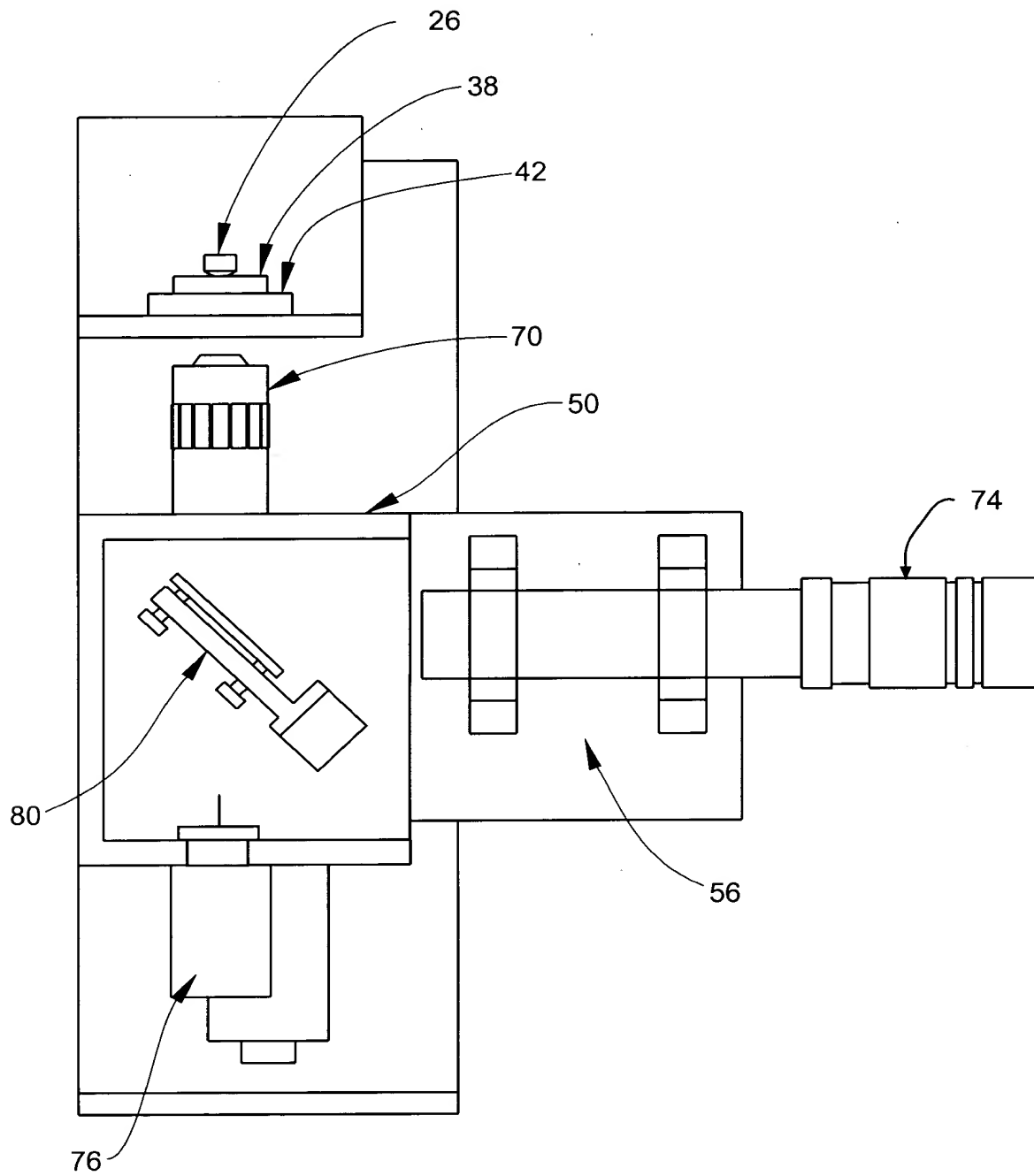


FIG. 2

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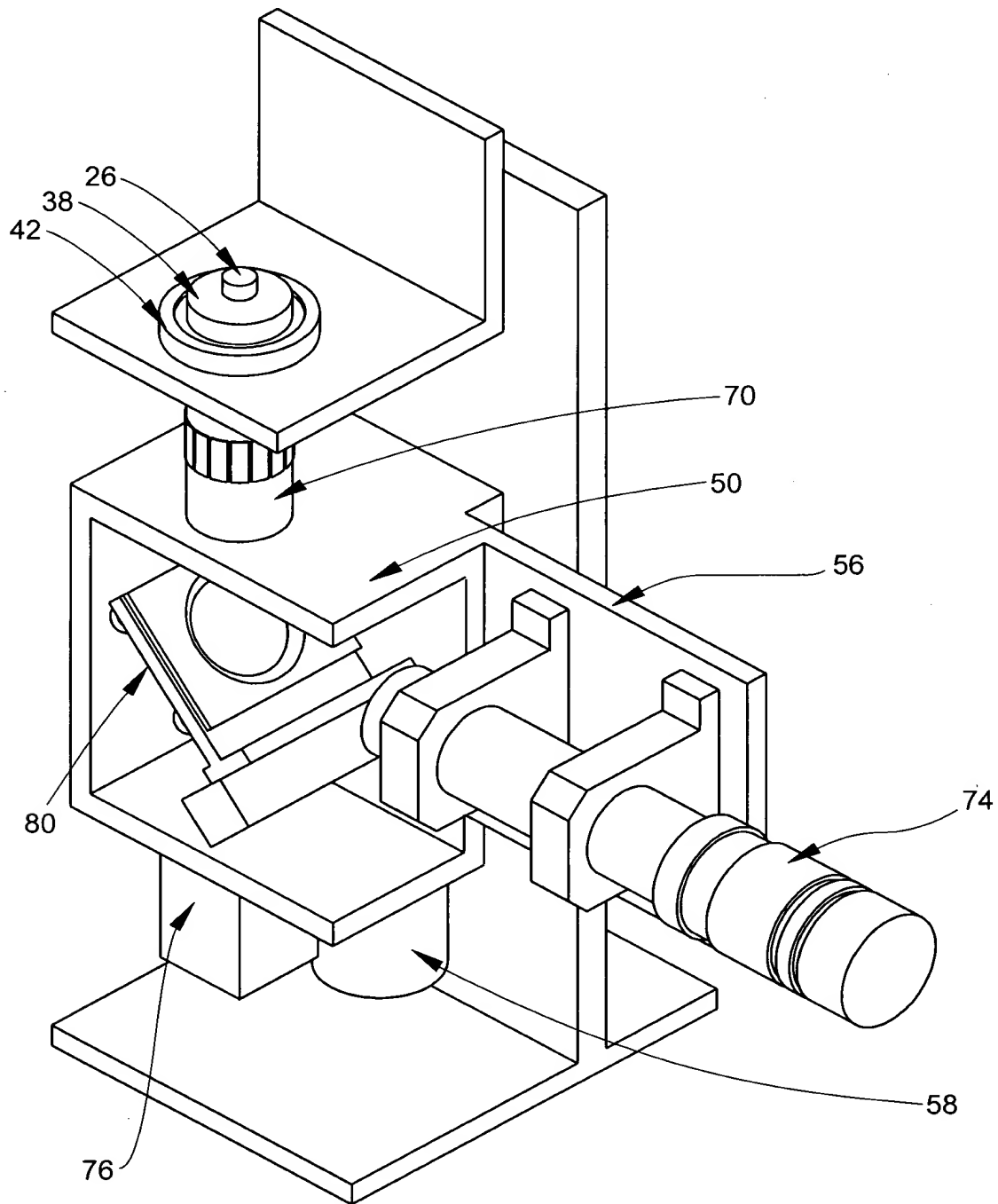


FIG. 3

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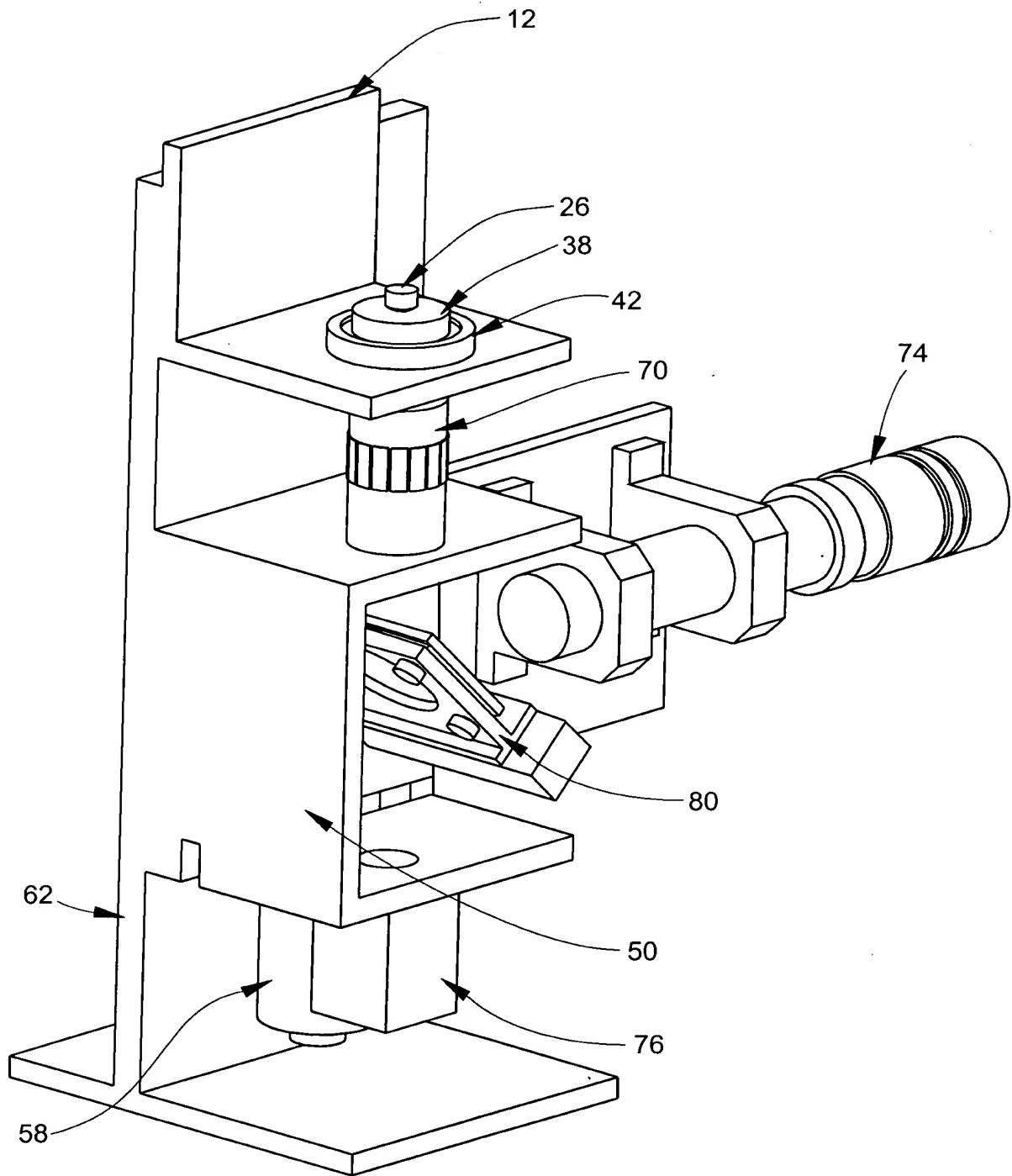


FIG. 4

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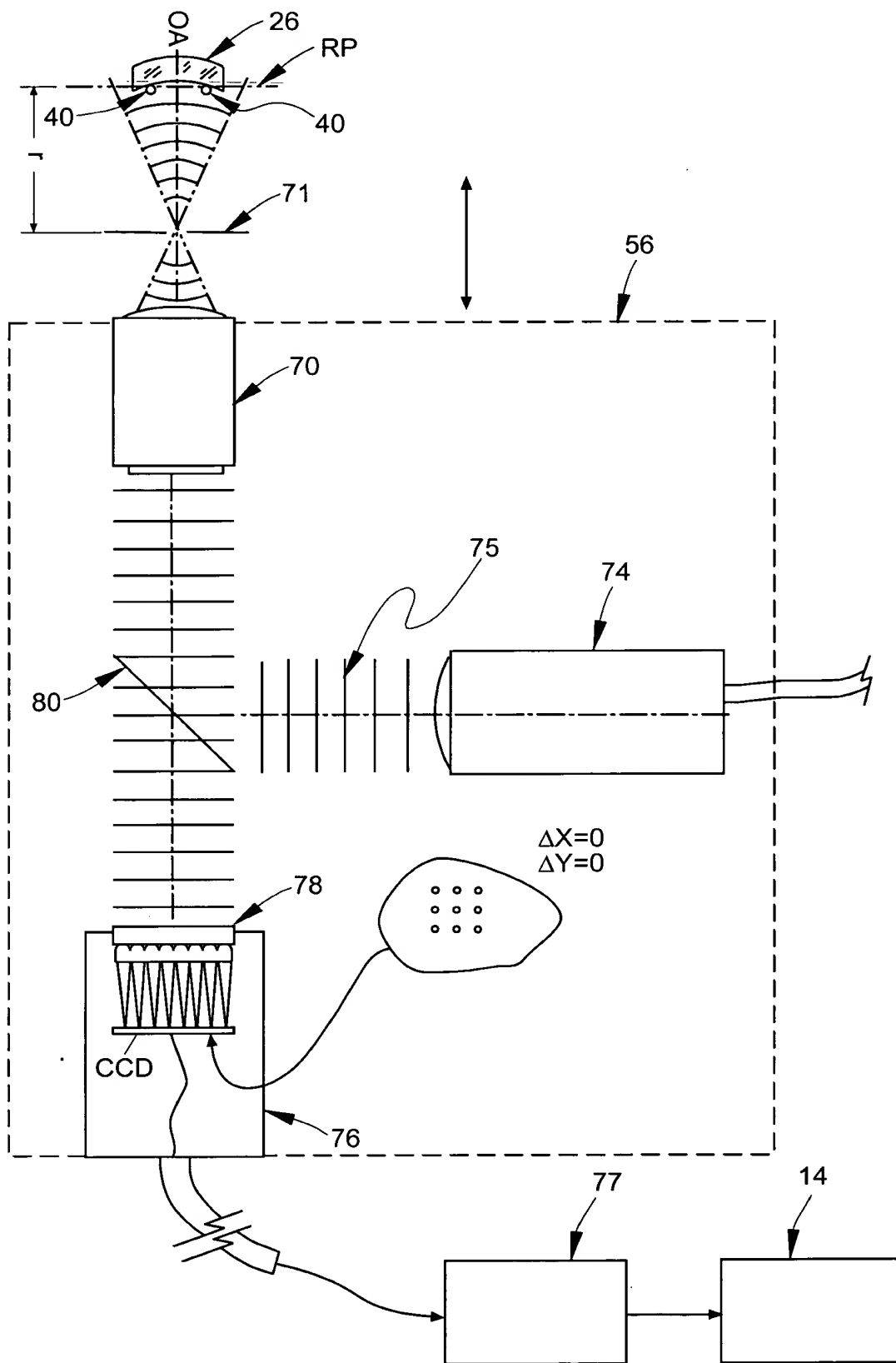


FIG. 5

000001 5/22/95

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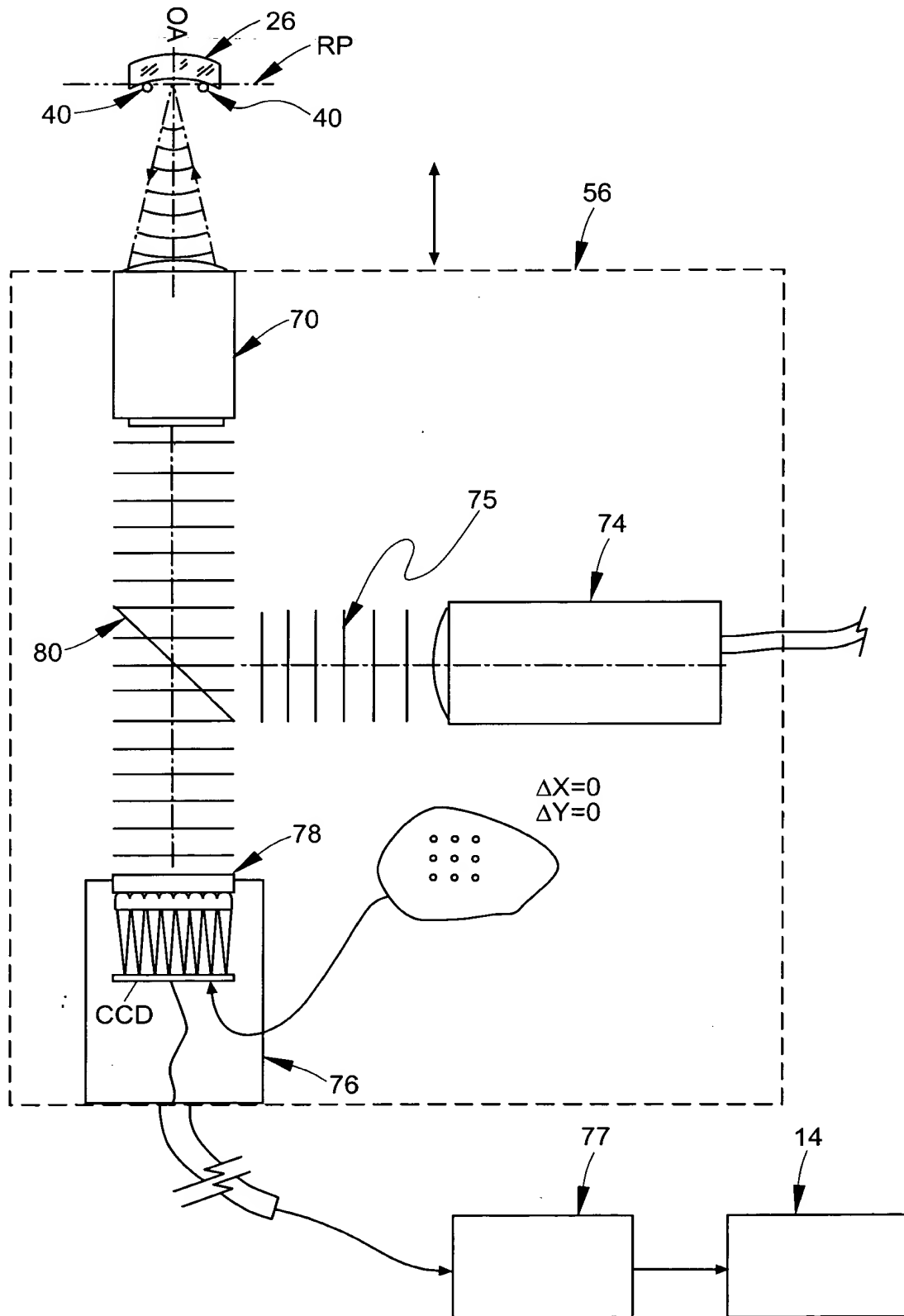


FIG. 6

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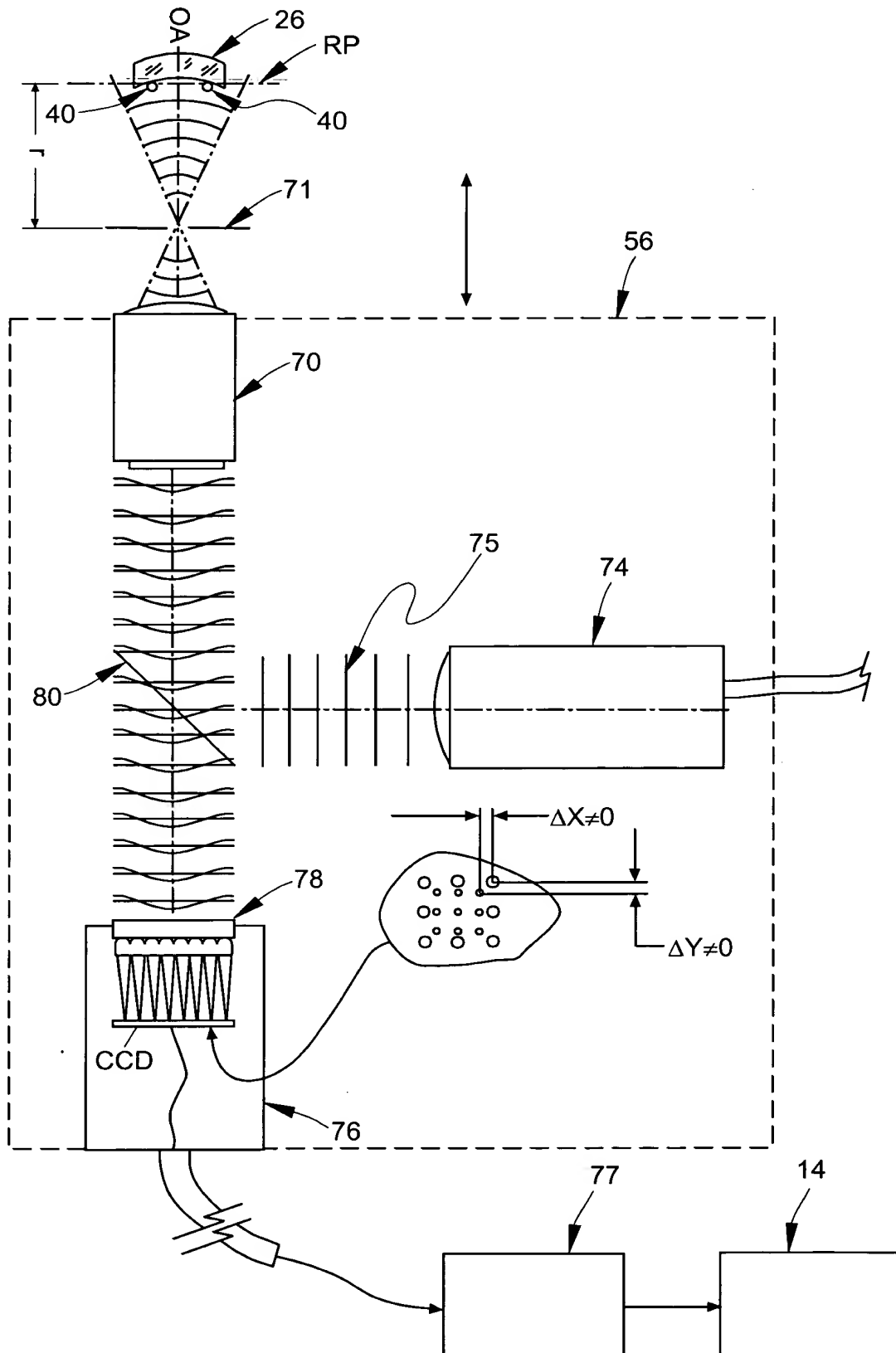




FIG. 7

THRESHOLD
ADJUSTMENT

THRESHOLD

255 

38

0 

PEAK LOCATION
SEARCH PEAKS

PEAK ☐ CENTROID

REFERENCE
ADJUSTMENT

REFERENCE ☐ LABEL

DRAWING

TRACES ☐ REDRAW

SAVE AS BASE
COORDINATES

SAVE

DISPLAY
CALCULATION

CALCULATE
SHIFT

☐ POSITIVE
SLOPE

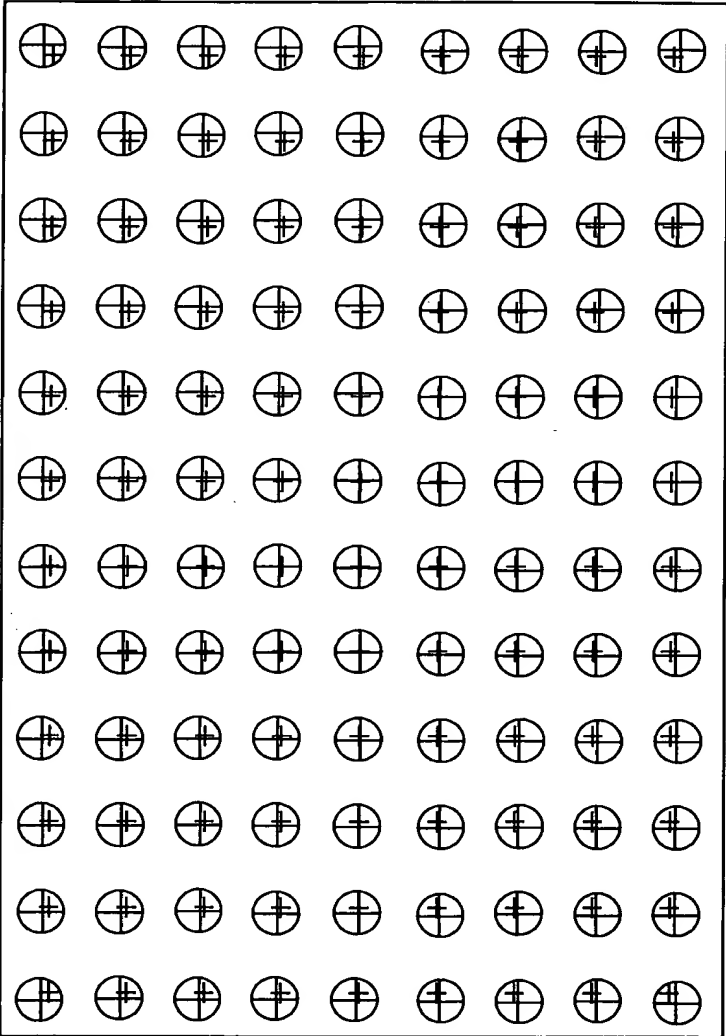


FIG. 8

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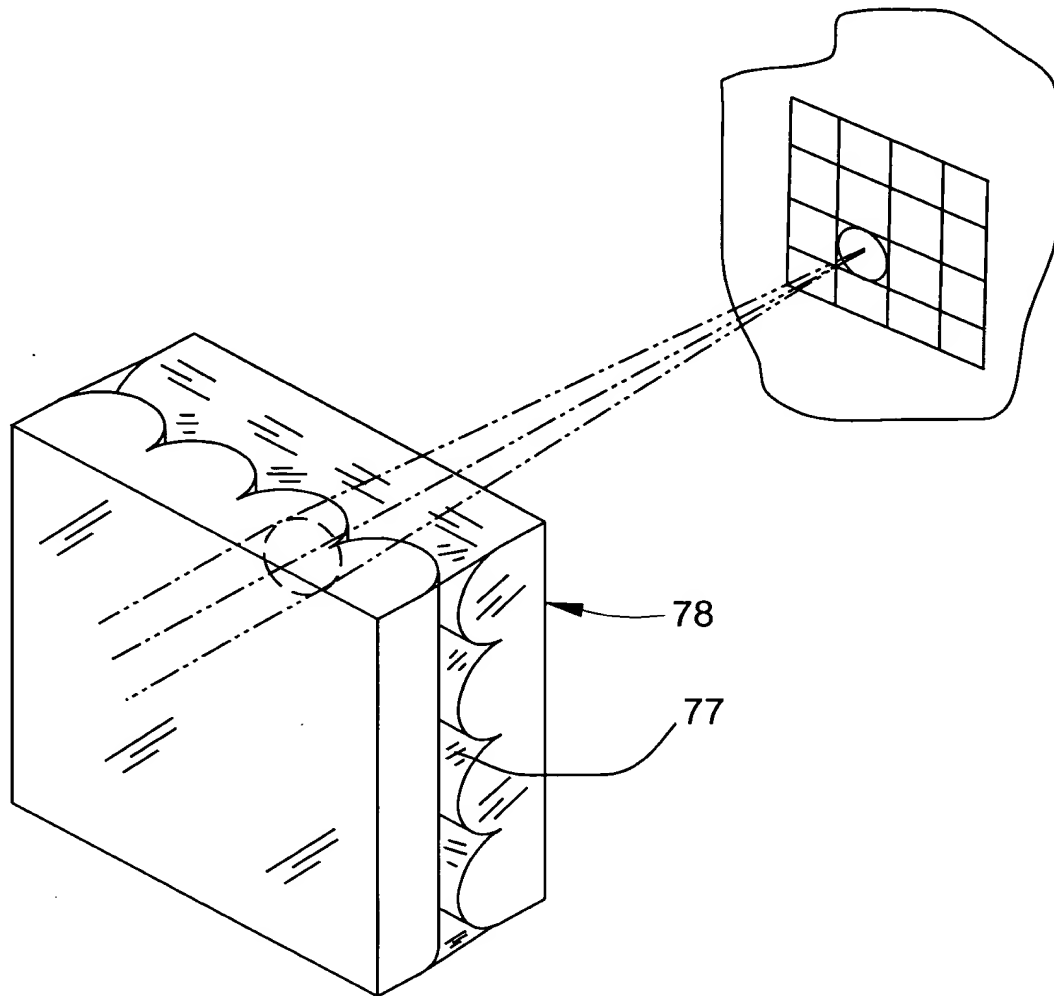


FIG. 9

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UNIT UNDER TEST <input type="radio"/> CONCAVE <input checked="" type="radio"/> CONVEX EXPECTED RADIUS <input type="text" value="8"/> mm 0-FOCAL LENGTH <input type="text" value="20"/> mm		CALCULATED RESULTS RADIUS <input type="text" value="8.00159"/> mm		MOTION CONTROL <input type="text" value="MOTOR..."/>		FRAME GRABBER CONTROL <input type="text" value="ACTIVE IMAGE"/>		DISPLAY TYPES <input checked="" type="checkbox"/> MESH <input checked="" type="checkbox"/> SHADED <input type="checkbox"/> CONTOURS <input checked="" type="checkbox"/> ZONES	
<input checked="" type="checkbox"/> TURN OFF LINEAR TERM		<input checked="" type="checkbox"/> TURN OFF FOURTH TERM		<input checked="" type="checkbox"/> MOVE OFFSET		OPERATIONS <input type="checkbox"/> LOCATE FOCUS <input type="checkbox"/> LOCATE RADIUS <input type="checkbox"/> MEASUREMENT <input type="checkbox"/> SURFACE CONTOURS <input type="checkbox"/> MAPPING ORDER			
<input type="checkbox"/> TURN OFF SECOND TERM		<input type="checkbox"/> DATA FILTERING		<input type="checkbox"/> SHOW RESULTS					
<input type="checkbox"/> TURN OFF THIRD TERM		<input type="checkbox"/> DEFOCUS POSITIVE		<input type="checkbox"/> SUBTRACT RESIDUAL					

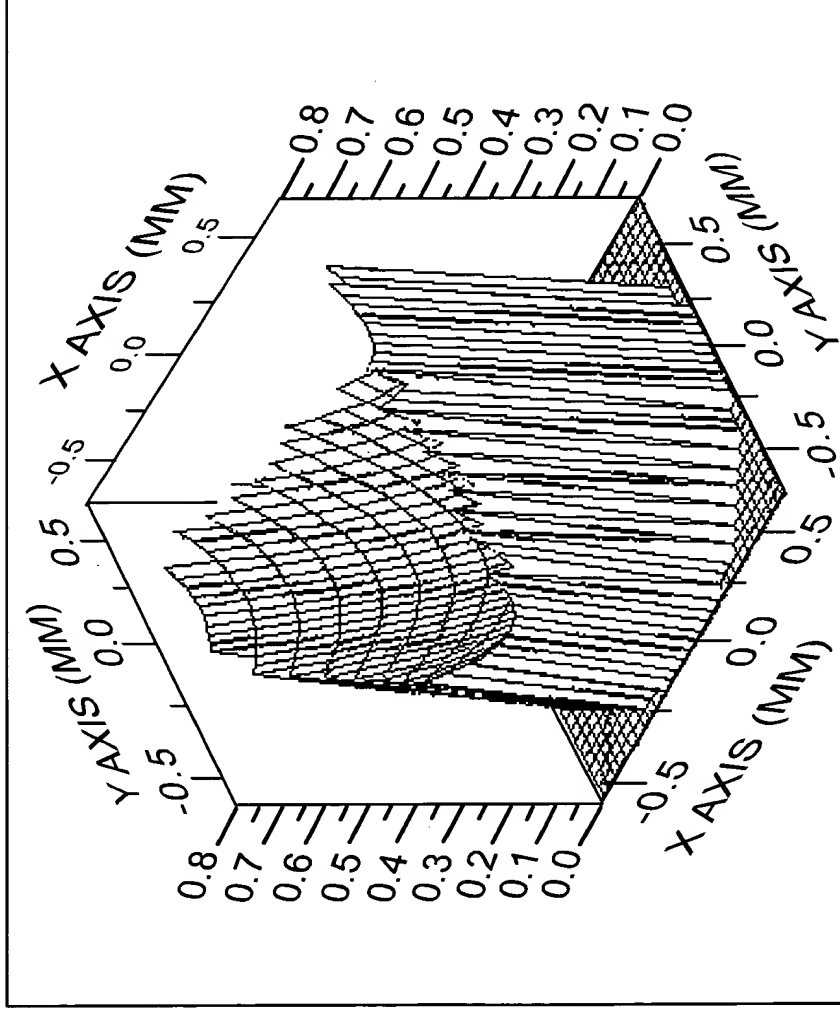


FIG. 10

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A 3D surface plot showing the measured intensity distribution. The vertical axis represents intensity, ranging from 0.0 to 0.4. The horizontal axes are labeled 'X AXIS (MM)' and 'Y AXIS (MM)', both ranging from -0.5 to 0.5. The surface shows a complex, multi-peaked distribution with a prominent central peak and several smaller peaks around it.

FIG. 11B

MAPPING AT DEFOCUS 200 MICRONS
PEAK TO VALLEY VALUE: 0.677 MICRONS
RMS VALUE: 0.366139 MICRONS

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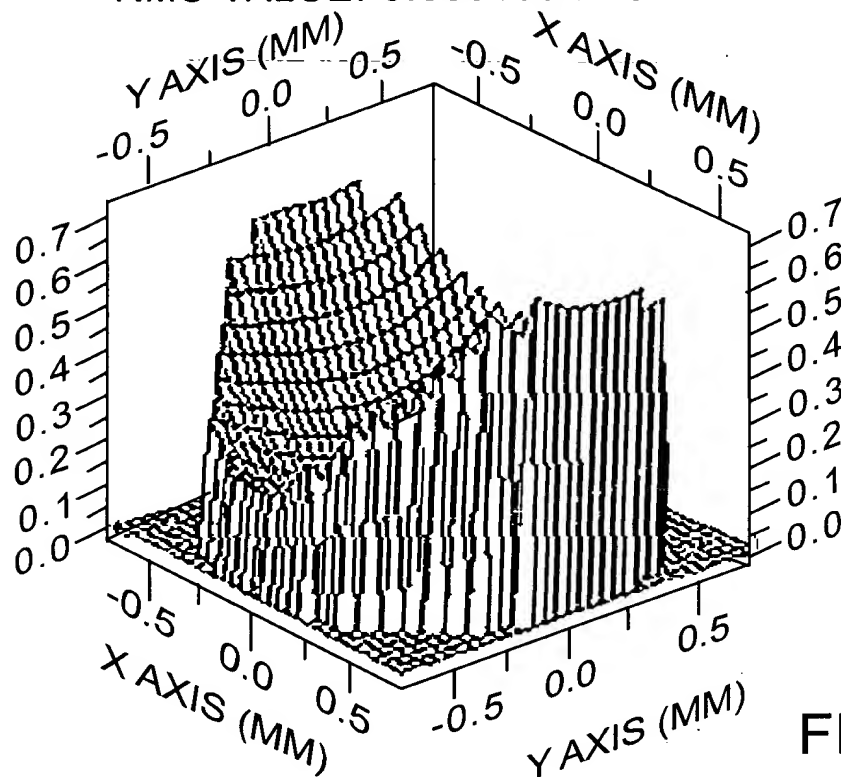


FIG. 11C

MAPPING AT DEFOCUS 300 MICRONS
PEAK TO VALLEY VALUE: 0.835 MICRONS
RMS VALUE: 0.515124 MICRONS

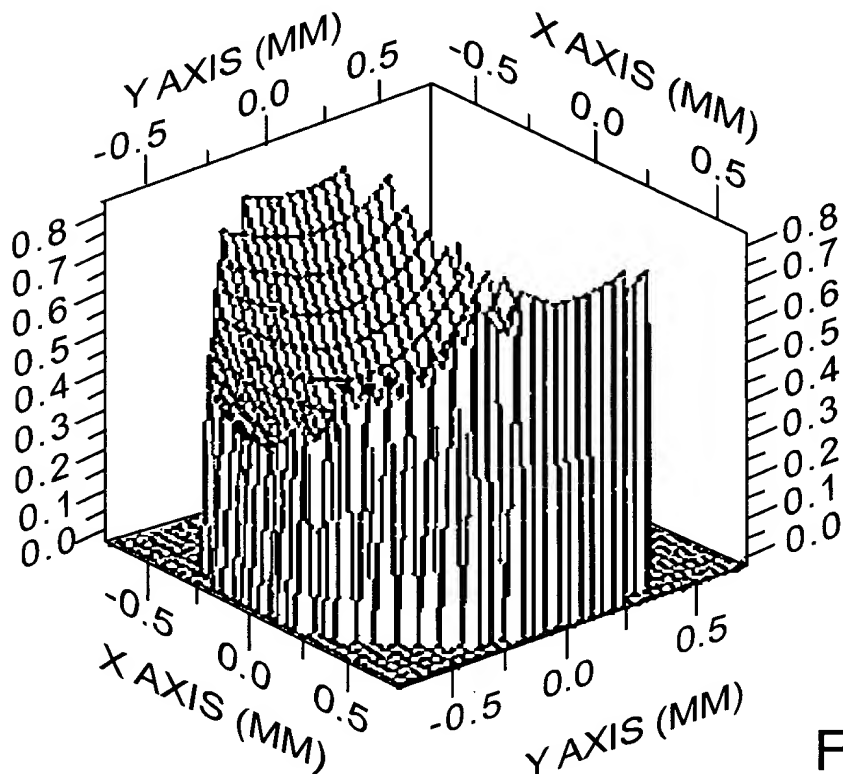


FIG. 11D

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MAPPING AT DEFOCUS 0 MICRONS
PEAK TO VALLEY VALUE: 0.611 MICRONS
RMS VALUE: 0.133521 MICRONS

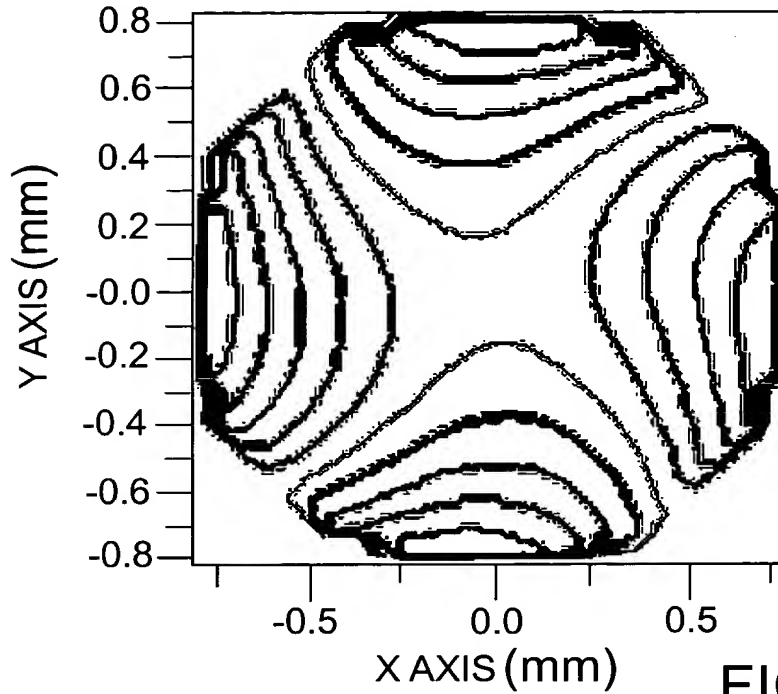


FIG. 12A

MAPPING AT DEFOCUS 100 MICRONS
PEAK TO VALLEY VALUE: 0.565 MICRONS
RMS VALUE: 0.238394 MICRONS

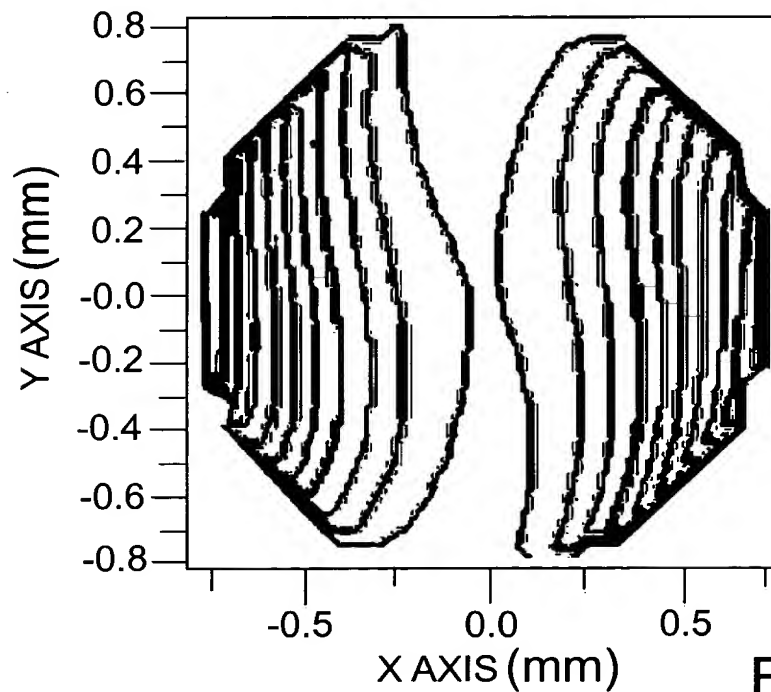


FIG. 12B

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MAPPING AT DEFOCUS 200 MICRONS
PEAK TO VALLEY VALUE: 0.722 MICRONS
RMS VALUE: 0.389452 MICRONS

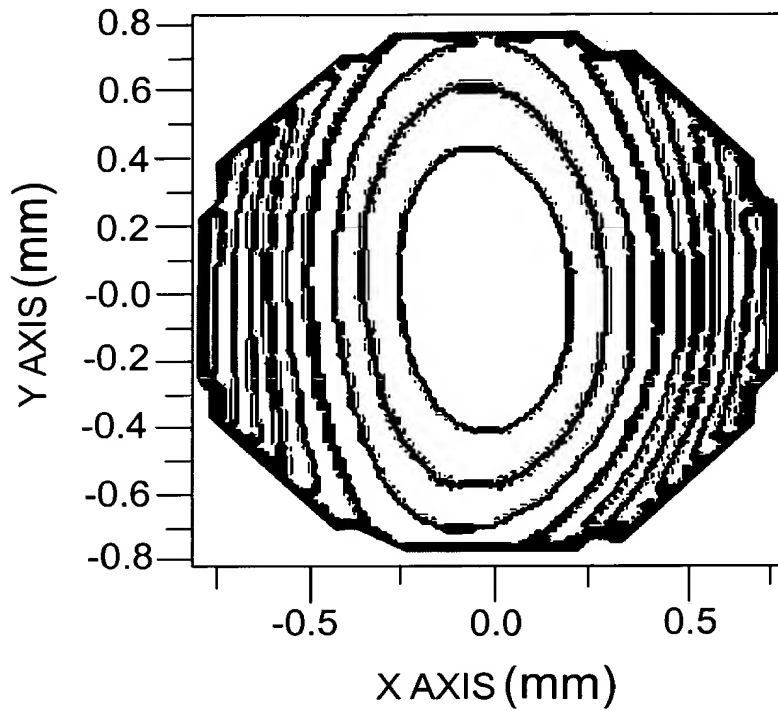


FIG. 12C

MAPPING AT DEFOCUS 300 MICRONS
PEAK TO VALLEY VALUE: 0.835 MICRONS
RMS VALUE: 0.515124 MICRONS

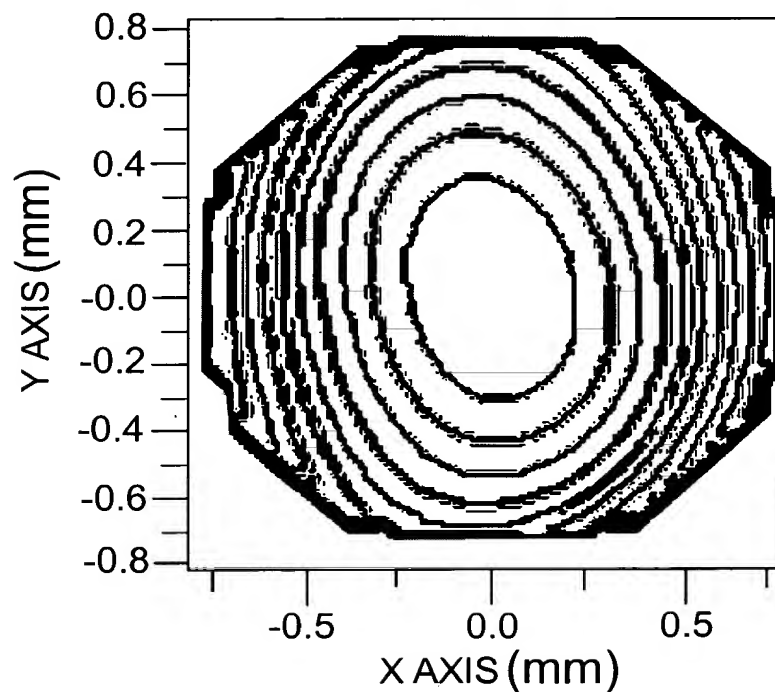


FIG. 12D

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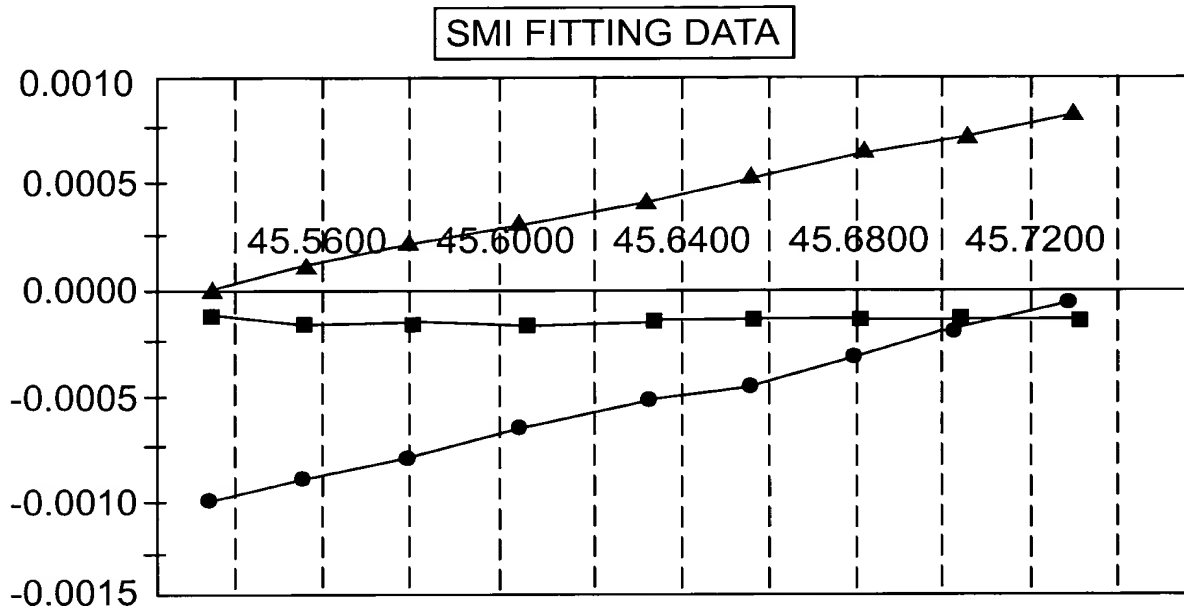


FIG. 13

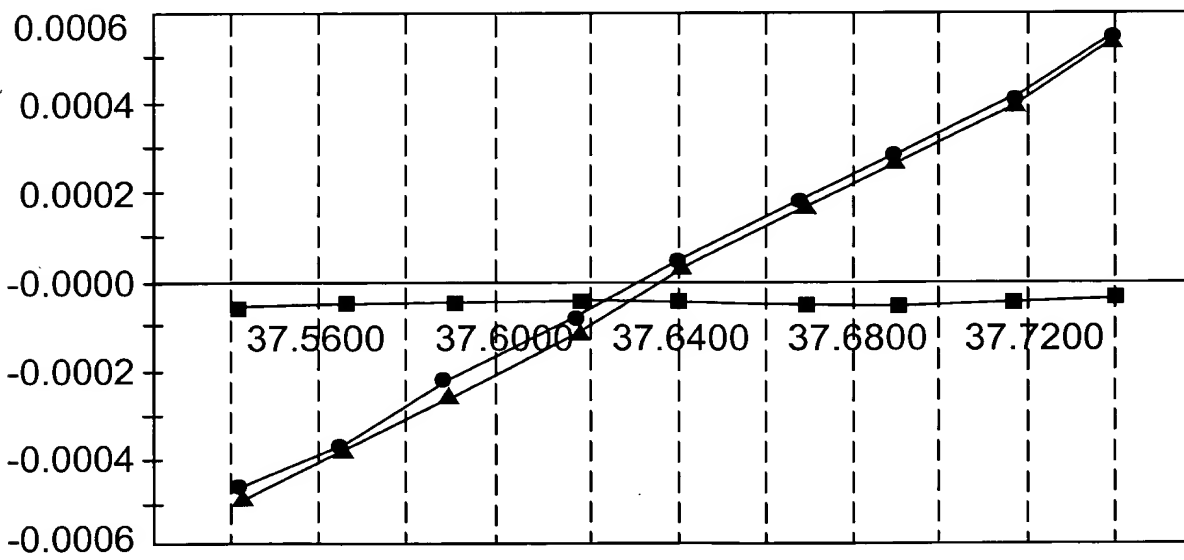


FIG. 14

FIG. 15

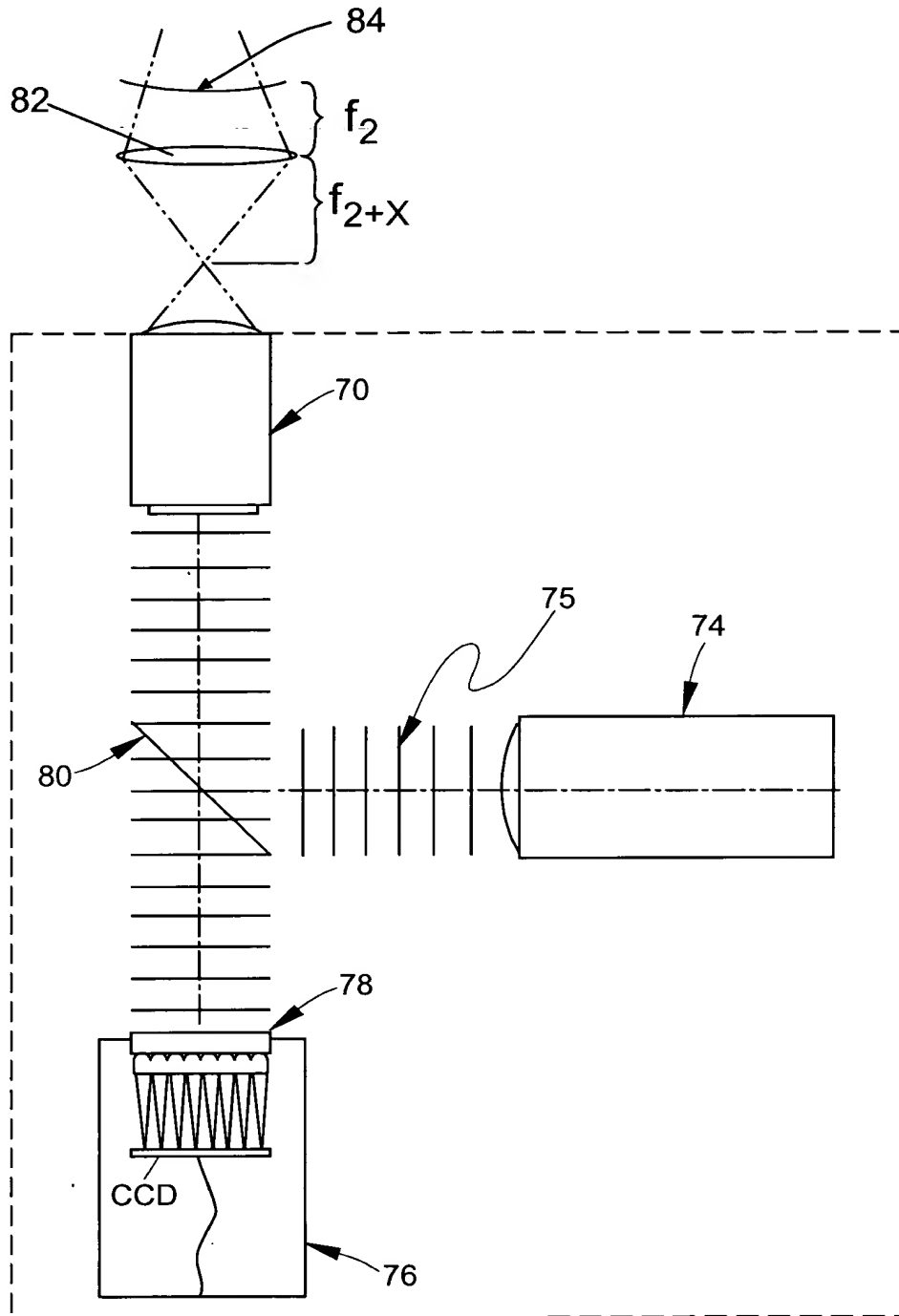


FIG. 16

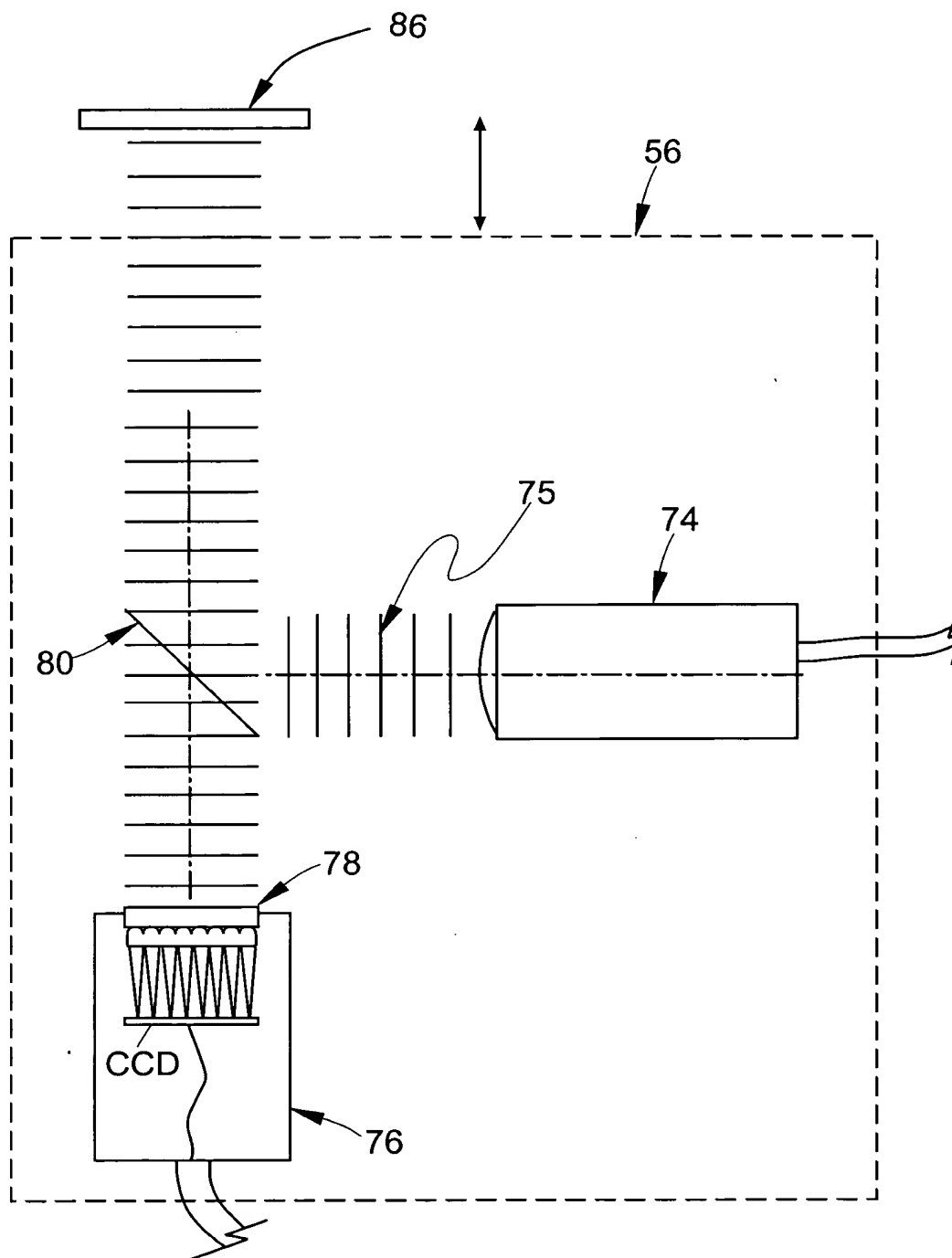


FIG. 17

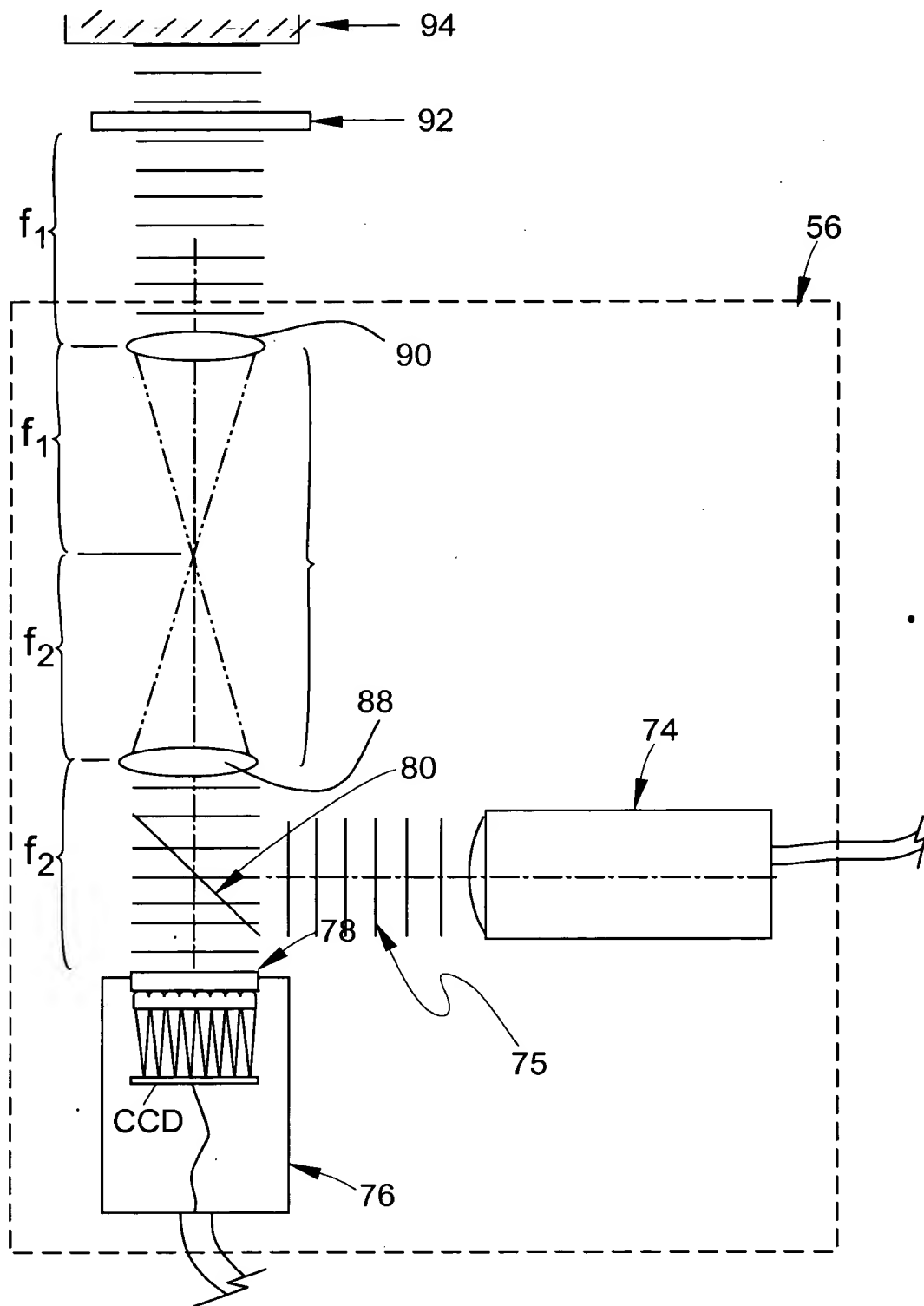


FIG. 18

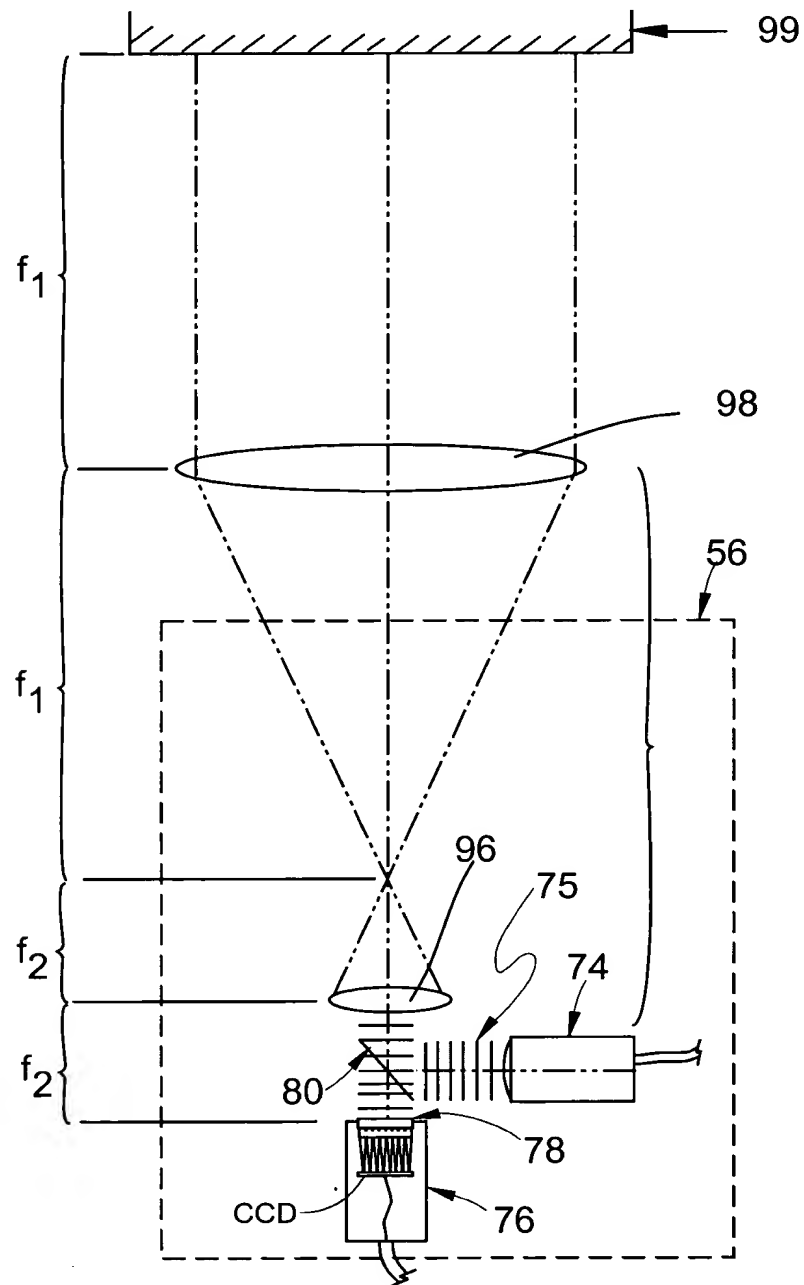
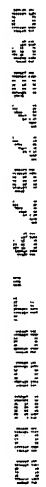


FIG. 19



1. *What is the purpose of the study?*
 2. *What are the research questions or hypotheses?*
 3. *What is the study design?*
 4. *What are the participants and sample size?*
 5. *What are the variables and measurements?*
 6. *What are the data analysis methods?*
 7. *What are the results and conclusions?*
 8. *What are the limitations and strengths?*
 9. *What are the implications for practice and research?*
 10. *What are the ethical considerations?*

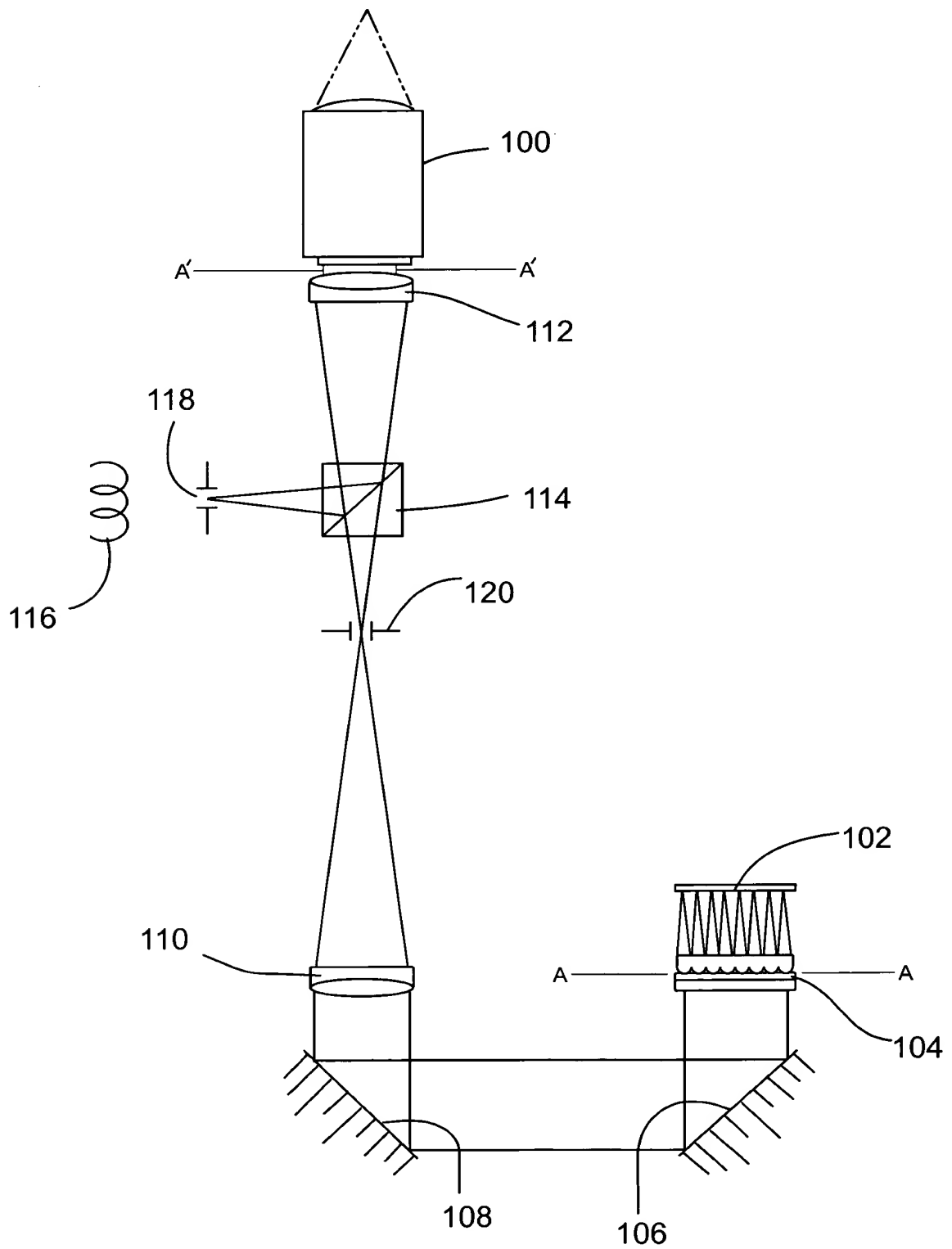


FIG. 21